



Patent
Attorney's Docket No. 0026-0062

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Jeremy BEM et al.) Group Art Unit: Unassigned
)
Application No.: 10/734,584) Examiner: Unassigned
)
Filed: December 15, 2003)
)
For: LARGE SCALE MACHINE)
LEARNING SYSTEMS AND)
METHODS)

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of the IDS is required.
- The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- Charge \$ _____ to Deposit Account No. 50-1070 for the fee due.
- A check in the amount of \$ _____ is enclosed for the fee due.

Information Disclosure Statement Transmittal Letter
Application Serial No. 10/734,584
Attorney's Docket No. 0026-0062
Page 2

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:



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CUSTOMER NUMBER: 26615

Date: February 27, 2004



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Title: LARGE SCALE MACHINE)
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LEARNING SYSTEMS AND
METHODS)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
Application Serial No. 10/734,584
Attorney's Docket No. 0026-0062
Page 2

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
Application Serial No. 10/734,584
Attorney's Docket No. 0026-0062
Page 3

If there is any fee due in connection with the filing of this Statement, please charge the
fee to our Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

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INFORMATION DISCLOSURE CITATION PTO-1449		CUSTOMER NUMBER 26615	ATTORNEY's DKT No. 0026-0062	APPLICATION NO. 10/734,584
APPLICANT(S) Jeremy BEM et al.				
FILING DATE December 15, 2003	GROUP Unassigned			

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,006,222	12/21/1999	Culliss	707	5	
	6,014,665	01/11/2000	Culliss	707	5	
	6,078,916	06/20/2000	Culliss	707	5	
	6,182,068 B1	01/30/2001	Culliss	707	5	
	6,539,377 B1	03/25/2003	Culliss	707	5	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Copy of co-pending U.S. Patent Application No. 10/706,991; Jeremy Bem et al.; "Ranking Documents Based on Large Data Sets"; filed November 14, 2003, 38 pages.
	Copy of co-pending U.S. Patent Application No. 10/712,263; Jeremy Bem et al.; "Targeting Advertisements Based on Predicted Relevance of the Advertisements"; filed November 14, 2003, 40 pages.
	Justin Boyan et al.; "A Machine Learning Architecture for Optimizing Web Search Engines"; Carnegie Mellon University; May 10, 1996; pages 1-8.
	"Click Popularity-DirectHit Technology Overview"; http://www.searchengines.com/directhit.html ; November 10, 2003 (print date); 2 pages.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).